

learning_rate	num_layers	dense_size1	dropout_rate	optimizer	activation	use_batch_norm	regularization_type	l1_reg	l2_reg	batch_size	epochs	Trial ID	Final Validation Loss	l1_ratio
0.0001	3	32	0.30000000000000004	sgd	tanh	True	l2	7.213894202014545e-05	1e-05	16	15	00	\textbf{0.121586862206459}	nan
0.001	3	32	0.2	adam	relu	True	l2	1.4697324941645275e-05	4.843839884258213e-05	64	15	01	\textbf{0.114917078614234}	nan
0.0001	2	8	0.1	rmsprop	tanh	False	l1	2.154422056253823e-05	9.536509667941464e-05	128	50	02	\textbf{0.116407273709774}	nan
0.001	3	8	0.30000000000000004	rmsprop	tanh	False	elasticnet	3.8386323724581804e-05	8.896040230223025e-05	64	50	03	\textbf{0.113672678172588}	0.0
0.01	2	32	0.30000000000000004	sgd	relu	True	l1	3.512085125837591e-05	8.258344932893424e-05	128	30	04	\textbf{0.129436108469963}	0.4
0.0001	3	16	0.0	sgd	tanh	False	l2	5.223774427813472e-05	9.606401217096411e-05	64	50	05	\textbf{0.122332194447517}	0.8
0.0001	3	32	0.0	adam	tanh	False	elasticnet	3.0383997994865222e-05	2.724715302156237e-05	16	15	06	\textbf{0.115463513135910}	0.2
0.01	2	16	0.0	sgd	relu	True	l1	1.703037494541019e-05	1.849745292741677e-05	32	30	07	\textbf{0.119423198699951}	0.6000000000000001
0.01	2	8	0.0	rmsprop	tanh	False	elasticnet	5.9371325272861405e-05	6.232206265540669e-05	32	30	08	\textbf{0.113042466342449}	0.2
0.01	2	16	0.2	sgd	selu	False	elasticnet	4.958056304257334e-05	1.397860150339156e-05	32	50	09	\textbf{0.122451996803283}	0.7000000000000001
0.001	3	32	0.0	rmsprop	selu	True	elasticnet	5.131759673095555e-05	3.145183279643463e-05	64	40	10	\textbf{0.117182965576648}	0.2
0.0001	3	16	0.30000000000000004	sgd	selu	True	l2	2.5304970740144135e-05	3.791767316773848e-05	16	40	11	\textbf{0.120936745405197}	0.1
0.0001	3	8	0.2	adam	relu	False	l1	6.2064010899357e-05	9.540643493206451e-05	32	30	12	\textbf{0.115723200142383}	0.8
0.0001	3	16	0.0	sgd	selu	False	l2	5.272011925092078e-05	3.713068201114773e-05	128	40	13	\textbf{0.136804783344264}	0.1
0.001	3	8	0.0	sgd	tanh	True	l1	7.762790011109778e-05	8.716063682586817e-05	16	40	14	\textbf{0.125227466225624}	0.0
0.001	2	8	0.30000000000000004	adam	tanh	True	l2	5.860211454828152e-05	4.011497173310025e-05	32	30	15	\textbf{0.113097880780696}	0.5
0.01	2	16	0.30000000000000004	adam	tanh	True	l2	1.1944974001553e-05	5.513511975757244e-05	128	30	16	\textbf{0.113042680919170}	0.0
0.0001	2	32	0.30000000000000004	sgd	selu	True	l2	4.303122623380765e-05	9.445780937818353e-05	64	40	17	\textbf{0.128502181172370}	0.2
0.0001	2	32	0.0	rmsprop	selu	False	l2	3.759242208135173e-05	2.30154116174254e-05	128	50	18	\textbf{0.115891413390636}	0.7000000000000001
0.001	3	32	0.30000000000000004	sgd	tanh	False	l2	7.623068977517786e-05	5.234772164683154e-05	128	15	19	\textbf{0.122594784200191}	0.30000000000000004
0.0001	2	32	0.2	rmsprop	selu	False	l1	4.257371845059055e-05	3.438776902626613e-05	64	50	20	\textbf{0.12775142490863}	0.2
0.01	3	16	0.0	sgd	relu	False	l1	6.932884808892656e-05	5.807926852738232e-05	64	30	21	\textbf{0.13059062063694}	0.7000000000000001
0.01	2	16	0.30000000000000004	rmsprop	tanh	False	l2	1.241346213083614e-05	9.0255898197883575e-05	128	30	22	\textbf{0.113287341594696}	0.5
0.01	2	32	0.4	rmsprop	tanh	True	l1	2.0571559802247973e-05	7.714245185874167e-05	16	15	23	\textbf{0.113057070970535}	0.1
0.01	3	16	0.0	sgd	tanh	False	l2	3.658974889132628e-05	4.516324314394117e-05	64	50	24	\textbf{0.118452696502208}	0.9
0.001	3	16	0.4	adam	selu	True	l2	3.962501750759515e-05	9.302191082618157e-05	128	50	25	\textbf{0.114244572818279}	0.0
0.001	3	16	0.1	adam	selu	True	l2	1.9833397066034642e-05	3.012271984736256e-05	16	40	26	\textbf{0.113047564029691}	0.8
0.01	3	32	0.4	rmsprop	relu	False	l1	5.3347927578986754e-05	5.221616002607434e-05	32	15	27	\textbf{0.113159252703189}	0.1
0.01	3	32	0.4	adam	relu	True	l1	3.81586160064498e-05	1.468723050591907e-05	128	50	28	\textbf{0.113139134645462}	0.30000000000000004
0.0001	2	16	0.30000000000000004	rmsprop	tanh	True	l1	3.4362012017990736e-05	3.896355912118958e-05	64	50	29	\textbf{0.122731713950634}	0.7000000000000001
0.01	2	8	0.2	sgd	relu	True	l1	3.866095552103124e-05	5.070211793269942e-05	16	40	30	\textbf{0.119910691678524}	0.5
0.0001	2	8	0.30000000000000004	adam	relu	True	l1	2.778372914733098e-05	4.668794071164328e-05	128	40	31	\textbf{0.119791474938392}	0.5
0.0001	2	16	0.0	rmsprop	relu	True	l2	3.21158541812665e-05	7.7803877386208288e-05	64	15	32	\textbf{0.116922463476657}	0.6000000000000001
0.001	2	32	0.2	adam	relu	False	l1	7.936650256623816e-05	9.492097387858827e-05	16	15	33	\textbf{0.113067194819450}	0.1
0.01	2	8	0.0	rmsprop	relu	True	l2	1.47663677450804e-05	3.717451787268243e-05	32	30	34	\textbf{0.113045422732830}	0.2
0.0001	3	8	0.1	sgd	relu	False	elasticnet	2.0794008686089365e-05	1.483166815440003e-05	16	30	35	\textbf{0.117128555476661}	0.6000000000000001
0.001	3	16	0.30000000000000004	sgd	selu	False	l2	7.325401901037484e-05	9.9031887956505194e-05	32	30	36	\textbf{0.125377680361270}	0.6000000000000001
0.01	2	8	0.4	adam	tanh	False	l2	1.9520295378549144e-05	9.194613051757531e-05	64	30	37	\textbf{0.11304175257682}	0.1
0.0001	3	32	0.4	rmsprop	tanh	False	l1	3.090931778258924e-05	2.225023678235419e-05	64	40	38	\textbf{0.126137700676918}	0.9
0.001	2	32	0.1	sgd	relu	False	l1	1.077536070205752e-05	3.980116302869737e-05	64	30	39	\textbf{0.119803246855735}	0.6000000000000001
0.001	3	32	0.4	sgd	tanh	False	l2	9.663934295763046e-05	6.003854457047298e-05	128	40	40	\textbf{0.118047554790973}	0.5
0.001	3	8	0.1	adam	selu	True	elasticnet	3.59920320879799e-05	9.225090116475536e-05	128	40	41	\textbf{0.113708230853080}	0.5
0.01	3	8	0.1	sgd	tanh	False	elasticnet	3.237816237035397e-05	5.159660224107306e-05	32	30	42	\textbf{0.118998102843761}	0.9
0.001	3	32	0.2	adam	tanh	False	l2	5.159437969654343e-05	4.01072949322347e-05	128	15	43	\textbf{0.114421187341213}	0.7000000000000001
0.001	2	8	0.0	sgd	selu	True	l1	9.523703514258351e-05	3.130280013486615e-05	16	15	44	\textbf{0.130220976471900}	0.6000000000000001
0.01	2	32	0.2	sgd	tanh	False	elasticnet	1.2770195099873014e-05	1.928394029213087e-05	128	50	45	\textbf{0.120323514938354}	0.8
0.0001	3	8	0.4	adam	relu	False	elasticnet	1.980736282515917e-05	3.705686599256131e-05	64	40	46	\textbf{0.115533469617360}	0.30000000000000004
0.001	2	8	0.30000000000000004	rmsprop	tanh	True	elasticnet	3.190988501051047e-05	9.9389393714883215e-05	16	30	47	\textbf{0.113328237831592}	0.30000000000000004
0.001	2	16	0.2	sgd	selu	True	l1	3.0556697044278414e-05	7.7496358349868273e-05	16	30	48	\textbf{0.133292612433433}	0.2
0.001	3	8	0.30000000000000004	sgd	selu	True	l1	1.2984374934314632e-05	3.656516076181404e-05	64	30	49	\textbf{0.120052444934844}	0.1